



## Technical Service Bulletin

**To: Allied Service & Help Desk Personnel**

**From: Allied Electronics, Inc.**

**Date: April 6, 2023**

**Re: Enabling TLS Communications to the Point-of-Sale**

### **Introduction:**

The purpose of this document is to explain the process of enabling TLS 1.2 communications between the point-of-sale and the Allied forecourt controller via the ANDI\_DGS utility.

There is a presumption that the individual(s) performing the following procedure have acquired a basic understanding of the Allied forecourt controller and the ANDI\_DGS utility. This includes being able to set up and log on as an "administrator" (Refer to the TSB, "ANDI\_DGS Username and Password Management.pdf" for more information).

### **Required:**

- ANDI\_DGS utility
- The following files:
  - ✓ tls-ca.cer
  - ✓ tls-cert.cer

Contact Allied Electronics technical support for the required files and ANDI\_DGS utility.

### **Procedure:**

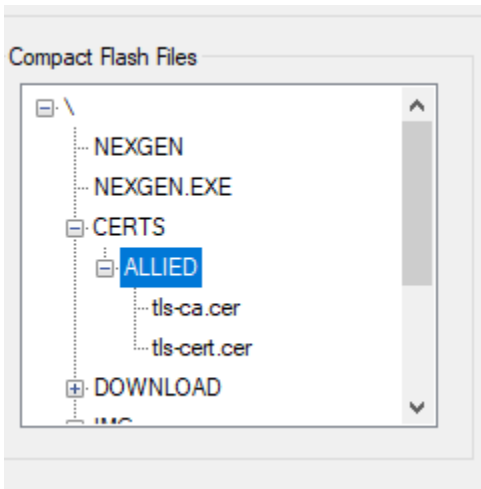
1. Create the following folder on the root drive of the machine running DGS: CERTS\ALLIED.
2. Place the two .cer files into that folder.
3. Launch DGS and connect to the forecourt controller via Ethernet. Note: This procedure will **NOT** work if connected to the forecourt controller using a serial connection.
4. Verify that the user is logged on as an "administrator."
5. Click on the Utilities tab and then CF Access. A Compact Flash Configuration form will appear.

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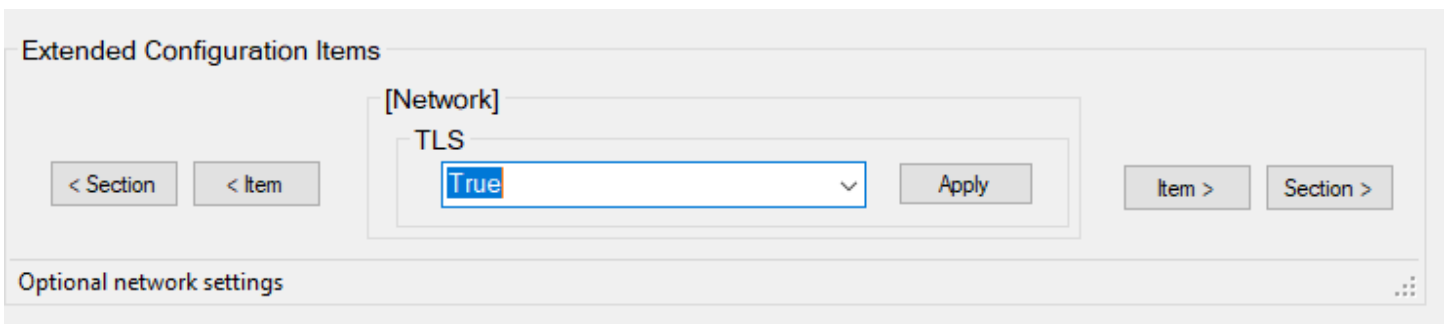
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- Under "Your Computer Files," navigate to the CERTS\ALLIED folder and click "Download Folder." Click "OK" at the query box. You will see the files move over to the "Compact Flash Files" section on the right. Confirm the presence of the .cer files in the CERTS\ALLIED folder under "Compact Flash Files."



- While still on the Compact Flash Configuration form, look for the section "Extended Configuration Items."
- Click the "Section" button until you navigate to the [Network] Section. The option beneath should read TLS. Use the dropdown menu to select "True."



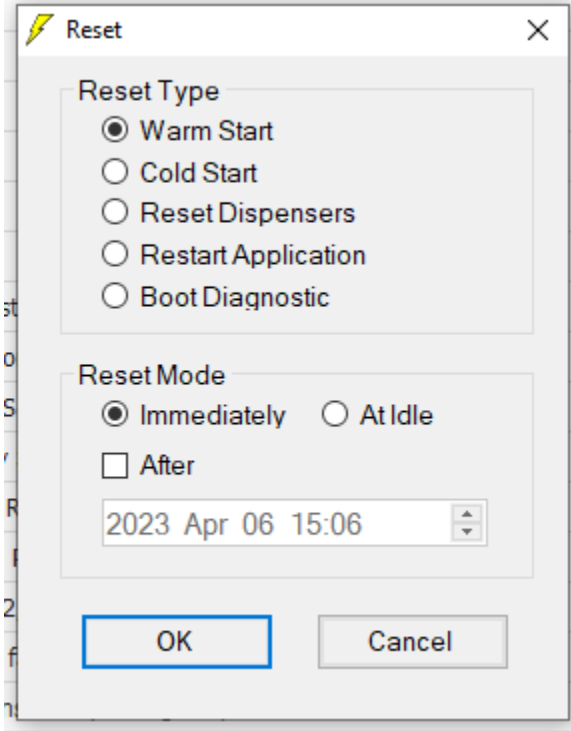
- Click the "Apply" button and close the Compact Flash Configuration form.

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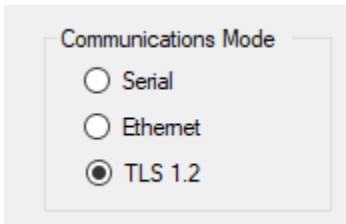
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10. Back at the Utilities tab, click the "Reset" button and select Warm Start->Immediately->OK:



11. The forecourt controller will warm start. In order to re-connect to the controller via the DGS utility, you must now select TLS 1.2 under Communications Mode:



Note: The forecourt controller will no longer accept a standard Ethernet connection (only TLS 1.2), however, it will still accept a Serial connection which can be helpful when troubleshooting or performing other diagnostics. See the TSB "DGS Serial Connection Setup.pdf" for more information.

Contact Allied Electronics Technical Support with any questions or concerns:

800-223-3619

[SupportRequest@AlliedElectronics.com](mailto:SupportRequest@AlliedElectronics.com)

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